



**KRAMER | AMADO<sub>PC</sub>**  
PATENT RESEARCH SERVICES  
INTELLECTUAL PROPERTY LAW

1725 DUKE STREET  
SUITE 240  
ALEXANDRIA, VIRGINIA 22314  
PHONE: (703) 519-9801  
FACSIMILE: (703) 519-9802  
[WWW.KRAMERIP.COM](http://WWW.KRAMERIP.COM)

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## Fax Memo

**TO:** Mail Stop Amendment  
USPTO

**FAX NO.:** (571) 273-8300

**FROM:** Terry W. Kramer  
KRAMER & AMADO, P.C.

**DATE:** February 8, 2006

**SUBJECT:** U.S. Patent Application  
Title: **SYSTEMS AND METHODS FOR OPTIMAL DISTRIBUTION  
OF SYMBOLS IN A FIXED SIZE DATA PACKET TO  
IMPROVE RECEIVER PERFORMANCE**

Serial No.: 09/627,190  
Attorney Docket No.: US 000064

**PAGES:** INCLUDING COVER PAGE (16)

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**Message:** Submitted herewith are the following:

- Transmittal Form ( 1 page)
- Response and Amendment (14 pages)

In the event that the fees submitted herewith are insufficient, please charge any remaining balance, or credit any overpayment, to our Deposit Account Number 50-0578.

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>	Application Number	09/627,190
	Filing Date	July 27, 2000
	First Named Inventor	Srihari Adireddy
	Art Unit	2638
	Examiner Name	L. B. Williams
(to be used for all correspondence after initial filing)		
Total Number of Pages in This Submission	15	Attorney Docket Number US 000064

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ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	Kramer & Amado, P.C.	
Signature	<i>Terry W. Kramer</i>	
Printed name	Terry W. Kramer	
Date	February 8, 2006	Reg. No. 41,541

CERTIFICATE OF TRANSMISSION/MAILING		
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Signature	<i>Angelica Rodriguez</i>	
Typed or printed name	Angelica Rodriguez	Date 2/8/2006

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Srihari Adireddy et al. **FEB 08 2006**  
:   
For : OPTIMAL SYMBOL DISTRIBUTION  
: FOR INTERSYMBOL INTERFERENCE  
: CHANNELS WITH A BLOCK DFE  
: RECEIVER  
:   
Serial No.: : 09/627,190  
:   
Filed : July 27, 2000  
:   
Art Unit : 2638  
:   
Examiner : L. B. Williams  
:   
Att. Docket : US 000064  
:   
Confirmation No. : 1208

**RESPONSE and AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action having a mailing date of November 09, 2005. Please amend the above-identified application as set forth below:

**CLAIM AMENDMENTS** begin on page 2 of this paper;

**REMARKS/ARGUMENTS** begin on page 9 of this paper.